



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5684

SERIAL NUMBER 10/012,195	FILING DATE 12/05/2001 RULE	CLASS 048	GROUP ART UNIT 1764	ATTORNEY DOCKET NO. 3402.1007-000
-----------------------------	---------------------------------------	--------------	------------------------	---

APPLICANTS

Lawrence G. Clawson, Dover, MA;
 Mark R. Hagan, Somerville, MA;
 Chunming Frank Qi, Lexington, MA; William F. Northrop, Somerville, MA;

** CONTINUING DATA *****
 This application is a CIP of 09/870,412 05/30/2001 PAT 6,921,595

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 12/26/2001

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after allowance Examiner's Signature Initials	STATE OR COUNTRY MA	SHEETS DRAWING 5	TOTAL CLAIMS 49	INDEPENDENT CLAIMS 11
--	--	---------------------------	------------------------	-----------------------	-----------------------------

ADDRESS
 21005
 HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
 530 VIRGINIA ROAD
 P.O. BOX 9133
 CONCORD, MA
 01742-9133

TITLE
 Heat transfer optimization in multi shelled reformers

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
------------	---	--

RECEIVED 2314	No. _____ for following:	<input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
------------------	--------------------------	---